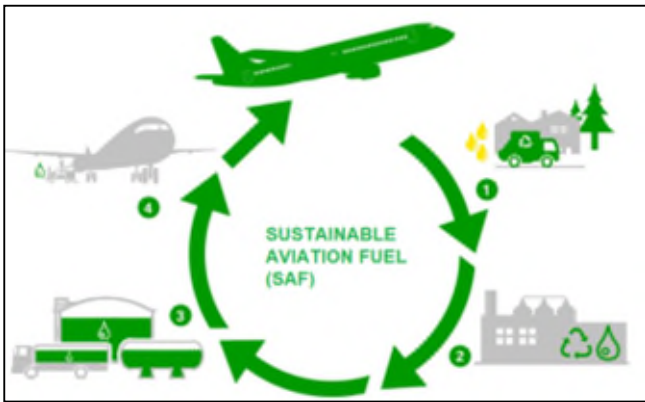


# CITD

ZERO-emissions



Smart SAF



Electric



Hydrogen



1. IPR Protection international Patent PCT n° 2022070018
2. Emissions Trading System: [https://ec.europa.eu/clima/eu-action/eu-emissions-trading-system-eu-ets\\_en](https://ec.europa.eu/clima/eu-action/eu-emissions-trading-system-eu-ets_en)
3. Fit for 55: <https://www.consilium.europa.eu/en/policies/green-deal/eu-plan-for-a-green-transition/>
4. EASA (Sept 2020). Updated analysis of the non-CO<sub>2</sub> climate impacts of aviation and potential policy measures pursuant to the EU Emissions Trading System Directive Article 30(4).

### High CFRP integration



### High rate products: industrialization



### Mass optimization



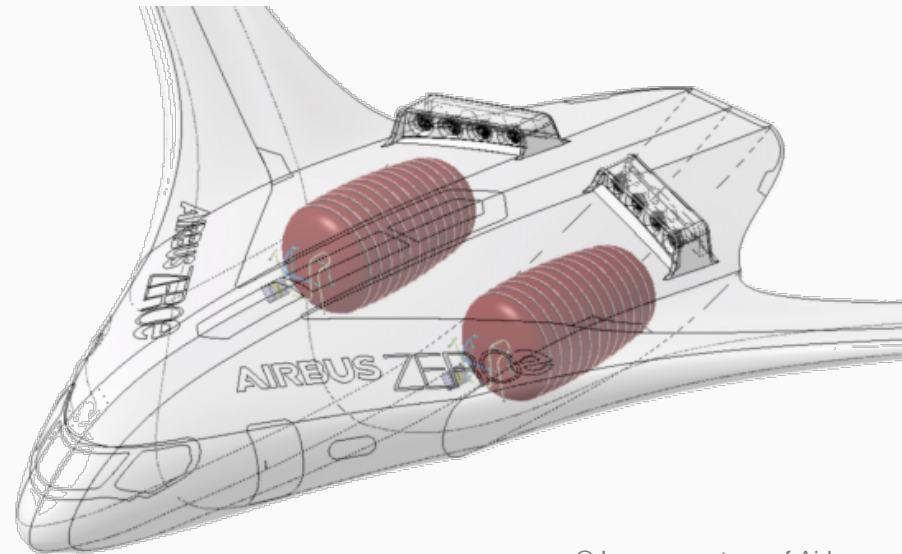
## CRYOGENIC Carbon fiber tank

Double vessel

Thermal management

Permeability

“from conceptual phase to development phase and testing verification”



® Image courtesy of Airbus

2021 PTA ZERO (PTAG-20211002). Lider: AIRBUS. Consorcio: **CiTD**, Applus+, INGETEAM, CESA, SEGULA

2023 PTA TANK2ZERO (PTAP-20231012). Lider: **CiTD**. Consorcio: SUPRASYS, PROXIS, KINGMARINE